

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-35. (Canceled)

36. (New) An antibacterial vascular prosthesis, comprises a porous textile material comprising

- a coating comprising an absorbable material and silver ions;
- a substantially closed silver layer comprising pure elemental silver having a thickness of 2500 to 1000 Å and leaving the pores open;
- a substantially non-absorbable or only slowly absorbable polymer material comprising silver atoms of the silver layer impressed into the polymer surface and further coating and sealing the pores.

37. (New) The prosthesis as claimed in claim 36, wherein the coating comprises optionally cross-linked biological material.

38. (New) The prosthesis as claimed in claim 36, wherein the coating comprises synthetic polymers and copolymers which are absorbable in vivo.

39. (New) The prosthesis as claimed in claim 36, wherein the coating of further comprises active substances.

40. (New) The prosthesis as claimed in claim 36, wherein fibers of the textile material are coated with silver at least at the locations which point toward at least one surface of the prosthesis.

41. (New) The prosthesis as claimed in claim 40, wherein substantially the entire surface of the fibers are coated with silver.

42. (New) The prosthesis as claimed in claim 36, wherein a sintered material is used with the textile material.